

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118827

pH Meter ID:

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP95473
Calibration Std. hexchrome 0.05 ppm	WP95474
calibration std. hexchrome 0.01 ppm	WP95475
calibration std. hexchrome 0 ppm	WP95477
hexavalent chromium color reagent	WP95352
0.2N SULFURIC ACID	WP94567
Calibration Std Hexachrome 0.025 ppm	WP95476
Hexavalent Chromium ICV-LCS Std	WP95478
Calibration and CCV std HexChrome 0.5PPM	WP95472
Calibration std HexChrome 1.0PPM	WP95471

Intercept: -0.0003

Slope: 0.7828

Regression: 0.999996

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		2.08	0.000	0.000	0.000	0.000		02/24/2022	17:15
2	CAL2	0.01	1	100	100		1.79	0.000	0.007	0.007	0.009	10	02/24/2022	17:16
3	CAL3	0.025	1	100	100		1.95	0.000	0.018	0.018	0.023	8	02/24/2022	17:17
4	CAL4	0.05	1	100	100		2.34	0.000	0.039	0.039	0.050	0	02/24/2022	17:18
5	CAL5	0.1	1	100	100		2.14	0.000	0.079	0.079	0.101	-1	02/24/2022	17:19
6	CAL6	0.5	1	100	100		2.25	0.000	0.392	0.392	0.501	-0.2	02/24/2022	17:20
7	CAL7	1	1	100	100		1.88	0.000	0.782	0.782	0.999	0.1	02/24/2022	17:21



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118827

pH Meter ID:

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.30	0.000	0.391	0.391	0.500	02/24/2022	17:25
2	ICB		1	100	100		2.16	0.000	0.000	0.000	0.000	02/24/2022	17:26
3	CCV1	0.5	1	100	100		2.20	0.000	0.390	0.390	0.499	02/24/2022	17:27
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	02/24/2022	17:28
5	RL Check	0.01	1	100	100		1.95	0.000	0.008	0.008	0.011	02/24/2022	17:29
6	lb118827BL		1	100	100		1.82	0.000	0.001	0.001	0.002	02/24/2022	17:30
7	lb118827BS	0.5	1	100	100		2.20	0.000	0.393	0.393	0.502	02/24/2022	17:31
8	N1645-10		1	100	100		1.79	0.000	0.004	0.004	0.005	02/24/2022	17:32
9	N1645-11		1	100	100		1.95	0.000	0.006	0.006	0.008	02/24/2022	17:33
10	N1668-01		1	100	100		1.82	0.000	0.000	0.000	0.000	02/24/2022	17:34
11	N1668-01DU		1	100	100		2.34	0.000	0.000	0.000	0.000	02/24/2022	17:35
12	N1668-01MS	1	2	100	100		2.41	0.000	0.398	0.398	0.509	02/24/2022	17:36
13	N1668-01MS	1	2	100	100		2.34	0.000	0.399	0.399	0.510	02/24/2022	17:37
14	CCV2	0.5	1	100	100		2.19	0.000	0.396	0.396	0.506	02/24/2022	17:38
15	CCB2		1	100	100		2.25	0.000	0.000	0.000	0.000	02/24/2022	17:40

WORKLIST(Hardcopy Internal Chain)

LB 11 8827

WorkList Name : hex22422-2 WorkList ID : 157144 Department : Wet-Chemistry Date : 02-24-2022 16:48:46

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample		Customer Sample	Collect Date	Method
						Storage	Location			
03/14/2022	Water	N1645-10	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	LOD-MDL-WATER-04-QT1-2022		02/23/2022	SM3500-Cr B
03/14/2022	Water	N1645-11	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	LOQ-WATER-05-QT1-2022		02/23/2022	SM3500-Cr B
03/03/2022	Water	N1668-01	✓ Hexavalent Chromium	Ammonium sul	PSEG03	M11	PURGED-WATER		02/24/2022	SM3500-Cr B

Date/Time 02/24/22 16:50
Raw Sample Received by: KS (WC)
Raw Sample Relinquished by: NBS (PL)

Date/Time 02/24/22 17:45
Raw Sample Received by: NBS (PL)
Raw Sample Relinquished by: KS (WC)